

QualityWindow

The continuous improvement software



QW DataHub 6.1.59

Release Notes

May 7, 2025

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Overview QW DataHub Release Notes

QW DataHub 6.1.59 - This release addresses a critical defect where QW DataHub failed to retrieve values from additional OPC UA groups beyond the first. Sites using multiple OPC UA groups to interface with distinct data sources or scan rates were affected, as only the first group would successfully transmit tag values to QW DataHub clients.

Previous Builds

Release 6.1.58 - May 01st, 2025

Resolved Issues

Multiple OPC UA Groups - Resolved an issue that prevented QW DataHub from retrieving tag values from all configured OPC UA groups. Previously, only the first defined OPC UA group would be processed, leading to data gaps when multiple groups were defined for separate servers, nodes, or tag sets. QW DataHub now properly handles and collects data from all active OPC UA group definitions.

New Features and Improvements

Improved Error Logging – Application logging has been enhanced for CALC, FILE, and SCRIPT group types, providing clearer diagnostics and making it easier to troubleshoot scripting and data update issues.

New Default Configuration – Fresh installations of QW DataHub now include default group and tag configurations to simplify initial connectivity testing with Quality Window. This includes a fully functional script example. Refer to the QW DataHub Admin Guide for usage details.

Improved Write-Back Handling – Tag values written back to QW DataHub are now immediately reflected in the interface and value cache, eliminating previous delays and improving the real-time feedback experience during testing.

Resolved Issues

CALC Script Issues – Resolved a bug where CALC tags were not functioning correctly when processed through the `Value` script function.

Removed Case Sensitivity – Fixed an issue where incoming tag requests were incorrectly treated as case-sensitive. All tag access is now fully case-insensitive for improved reliability.

Release 6.1.55 - April 16th, 2025

New Features and Improvements

OPC UA Support – QW DataHub now supports OPC UA ([Unified Architecture](#)), enabling secure, modern communication with a wide range of industrial devices and platforms.

New Icons – Refreshed icons help distinguish QW DataHub components within the Quality Window product family.



QW DataHub Icon



QW DataHub Admin Icon

New Installer – A new MSI-based installer improves installation reliability, Windows compatibility, and upgrade path management.

Improved File Log Engine – Logging now uses the NLog framework, making logs compatible with common log viewers and improving long-term supportability.

Modernized Configuration File Storage – Application settings are now stored using current Windows best practices, improving portability and IT compliance.

Improved Error Handling – Errors are now logged more consistently and clearly, leveraging the new logging engine for better troubleshooting.

Service Actions in Interface – Restart, shutdown, and administrative access options are now available directly from the main interface, removing the need to use the system tray.

Buttons for Item Management – The Manage Items dialog now includes explicit Add and Remove buttons to improve usability when editing tag lists.

Resolved Issues

Activity Log Count – Fixed an issue where the Activity Log was not displaying the correct number of entries based on user-defined settings.